

First

Access DB# 153541

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name Duy Dang Examiner #: 74509 Date: 6/6/05
Art Unit: 2621 Phone Number 571 272 7389 Serial Number: 09/377,383
Location: KNX-9D61 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elec species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Apparatus and method for forming a coding unit

Inventors (please provide full names): BING-BING CHAI

Earliest Priority Filing Date: 10/5/98

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Packetizer comprises payload having text unit

which consists: ① AC or high frequency coefficients from subband of hierarchical subband decomposed image

③ See attached (claims) for more info.

② DC or low frequency coefficients from subband of hierarchical subband decomposed image.

STAFF USE ONLY

Searcher: Patel Samir

Searcher Phone #: 23537

Searcher Location: KNX-8B68

Date Searcher Picked Up: 9:00 AM / 06/07

Date Completed: 2:30 PM / 06/07

Searcher Prep & Review Time: 120

Clerical Prep Time: _____

Online Time: 160

Type of Search

Sequence (#) _____

AA Sequence (#) _____

Structure (#) _____

Bibliographic ☒

Litigation _____

Fulltext ☒

Patent Family _____

Other _____

Vendors and cost where applicable

STN _____

Dialog ☒

Questel/Orbit _____

Dr.Link _____

Lexis/Nexis _____

Sequence Systems _____

WWW/Internet ☒

Other (specify) _____

Patent Bib Files

File 344:Chinese Patents Abs Aug 1985-2005/May
 (c) 2005 European Patent Office
 File 347:JAPIO Nov 1976-2005/Jan(Updated 050506)
 (c) 2005 JPO & JAPIO
 File 350:Derwent WPIX 1963-2005/UD,UM &UP=200535
 (c) 2005 Thomson Derwent

Set	Items	Description
S1	81865	PACKET???????
S2	5061	PAYLOAD??? OR PAY()LOAD???
S3	4885	SUBBAND?? OR SUB()BAND?? OR WAVELET?? OR WAVE()LET??
S4	213700	(AC OR ALTERNAT??? (3N)CURRENT?? OR HIGH) (3N)FREQ???????
S5	5129	(DIRECT(2N)CURRENT?? OR DC) (3N)FREQ???????
S6	32427	(DECOMPOS??? OR COLLAPS???? OR BRAK??? OR BREAK??? OR SPLI- T??? OR FACTOR?????? OR DIVID???? OR DIVISION?? OR SEPERAT???- ?) (3N) (IMAG?? OR VIDEO?? OR PHOTOGRAPH?? OR PHOTO()GRAPHI?? OR PICTURE? ? OR JPG OR TIFF OR JPEG OR PHOTO)
S7	49	AU=(CHAI B? OR CHAI, B? OR SODAGAR I? OR SODAGAR, I?)
S8	0	S1 AND S2 AND S3 AND S4 AND S5 AND S6
S9	0	S1 AND S2 AND S3 AND (S4 OR S5) AND S6
S10	5	S1 AND (S4 OR S5) AND S6
S11	5	S10 NOT AD=19981005:20000607/PR
S12	5	S11 NOT AD=20000607:20020607/PR
S13	5	S12 NOT AD=20020607:20050607/PR
S14	1	S1 AND S2 AND S3 AND S6
S15	1	S14 NOT S10
S16	0	S2 AND (S4 OR S5) AND S6
S17	2	S1 AND S2 AND (S4 OR S5)
S18	2	S17 NOT (S13 OR S14)
S19	10	S1 AND S2 AND S6
S20	9	S19 NOT (S13 OR S14 OR S18)
S21	8	S20 NOT AD=19981005:20000607/PR
S22	5	S21 NOT AD=20000607:20020607/PR
S23	4	S22 NOT AD=20020607:20050607/PR
S24	5	S1 AND S2 AND S3
S25	4	S24 NOT (S23 OR S13 OR S14 OR S18)
S26	3	S25 NOT AD=19981005:20000607/PR
S27	2	S26 NOT AD=20000607:20020607/PR
S28	1	S27 NOT AD=20020607:20050607/PR
S29	6	S7 AND S1
S30	5	S29 AND (S2 OR S3)
S31	2	S30 NOT (S23 OR 13 OR S14 OR S18 OR S25)

(c) 2005 The Dialog Corp.
 File 674:Computer News Fulltext 1989-2005/May W5
 (c) 2005 IDG Communications
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 587:Jane's Defense&Aerospace 2005/May W5
 (c) 2005 Jane's Information Group

Set	Items	Description
S1	557782	PACKET???????
S2	151929	PAYLOAD??? OR PAY()LOAD???
S3	10928	SUBBAND?? OR SUB()BAND?? OR WAVELET?? OR WAVE()LET??
S4	159417	(AC OR ALTERNAT??? (3N)CURRENT?? OR HIGH) (3N)FREQ???????
S5	5632	(DIRECT(2N)CURRENT?? OR DC) (3N)FREQ???????
S6	119082	(DECOMPOS??? OR COLLAPS??? OR BRAK??? OR BREAK??? OR SPLI- T??? OR FACTOR?????? OR DIVID??? OR DIVISION?? OR SEPERAT???- ?) (3N) (IMAG?? OR VIDEO?? OR PHOTOGRAPH?? OR PHOTO()GRAPHI?? OR PICTURE? ? OR JPG OR TIFF OR JPEG OR PHOTO)
S7	49	AU=(CHAI B? OR CHAI, B? OR SODAGAR I? OR SODAGAR, I?)
S8	0	S1(S)S2(S)S3(S)S4(S)S5(S)S6
S9	0	S1(S)S2(S) (S3 OR S4) (S)S5(S)S6
S10	2	S1 AND S2 AND (S3 OR S4) AND S5 AND S6
S11	2	RD (unique items)
S12	0	S1(S) (S4 OR S5) (S)S6
S13	0	S1(S)S2(S)S3(S)S6
S14	1	S1(S)S2(S)S6
S15	57	S1 AND S2 AND S6
S16	30	RD (unique items)
S17	16	S16 NOT PY>1998
S18	14	S17 NOT (S14 OR S11)
S19	15	S1 AND S2 AND S3
S20	11	RD (unique items)
S21	6	S19 NOT PY>1998
S22	6	S21 NOT (S14 OR S11 OR S18)
S23	2	S1 AND S2 AND S3 AND (S4 OR S5) AND S6
S24	2	S23 NOT (S14 OR S11 OR S18 OR S22)
S25	57	S1 AND S2 AND S6
S26	0	S7 AND S1 AND S2
?		

NPL Bib Files

File 2:INSPEC 1969-2005/May W5
(c) 2005 Institution of Electrical Engineers
File 6:NTIS 1964-2005/May W5
(c) 2005 NTIS, Intl Cpyrght All Rights Res
File 8:Bi Compendex(R) 1970-2005/May W5
(c) 2005 Elsevier Eng. Info. Inc.
File 34:SciSearch(R) Cited Ref Sci 1990-2005/May W5
(c) 2005 Inst for Sci Info
File 35:Dissertation Abs Online 1861-2005/May
(c) 2005 ProQuest Info&Learning
File 62:SPIN(R) 1975-2005/Mar W4
(c) 2005 American Institute of Physics
File 65:Inside Conferences 1993-2005/Jun W1
(c) 2005 BLDSC all rts. reserv.
File 92:IHS Intl.Stds.& Specs. 1999/Nov
(c) 1999 Information Handling Services
File 94:JICST-EPlus 1985-2005/Apr W3
(c)2005 Japan Science and Tech Corp(JST)
File 95:TEME-Technology & Management 1989-2005/Apr W4
(c) 2005 FIZ TECHNIK
File 99:Wilson Appl. Sci & Tech Abs 1983-2005/May
(c) 2005 The HW Wilson Co.
File 144:Pascal 1973-2005/May W5
(c) 2005 INIST/CNRS
File 239:Mathsci 1940-2005/Jul
(c) 2005 American Mathematical Society
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 603:Newspaper Abstracts 1984-1988
(c)2001 ProQuest Info&Learning
File 483:Newspaper Abs Daily 1986-2005/Jun 06
(c) 2005 ProQuest Info&Learning
File 248:PIRA 1975-2005/May W3
(c) 2005 Pira International

Set	Items	Description
S1	183591	PACKET???????
S2	38166	PAYLOAD??? OR PAY()LOAD???
S3	150514	SUBBAND?? OR SUB()BAND?? OR WAVELET?? OR WAVE()LET??
S4	396947	(AC OR ALTERNAT??? (3N)CURRENT?? OR HIGH) (3N)FREQ???????
S5	12413	(DIRECT(2N)CURRENT?? OR DC) (3N)FREQ???????
S6	24404	(DECOMPOS??? OR COLLAPS???? OR BRAK??? OR BREAK??? OR SPLI- T??? OR FACTOR????? OR DIVID???? OR DIVISION?? OR SEPERAT???- ?) (3N) (IMAG?? OR VIDEO?? OR PHOTOGRAPH?? OR PHOTO()GRAPHI??? OR PICTURE? ? OR JPG OR TIFF OR JPEG OR PHOTO)
S7	1435	AU=(CHAI B? OR CHAI, B? OR SODAGAR I? OR SODAGAR, I?)
S8	0	S1 AND S2 AND S3 AND S4 AND S5 AND S6
S9	0	S1 AND S2 AND S3 AND (S4 OR S5) AND S6
S10	16	S1 AND (S4 OR S5) AND S6
S11	6	RD (unique items)
S12	1	S11 NOT PY>1998
S13	0	S2 AND (S4 OR S5) AND S6
S14	7	S1 AND S2 AND (S4 OR S5)
S15	7	RD (unique items)
S16	4	S15 NOT PY>1998
S17	4	S16 NOT S12
S18	0	S1 AND S2 AND S3 AND S6
S19	6	S1 AND S2 AND S6
S20	3	RD (unique items)

S21	0	S20 NOT PY>1998
S22	4	S1 AND S2 AND S3
S23	1	RD (unique items)
S24	1	S23 NOT (S20 OR S16 OR S12)
S25	1	S24 NOT PY>1998
S26	0	S7 AND S1 AND S2

Patent Full text

File 348:EUROPEAN PATENTS 1978-2005/Jun W01

(c) 2005 European Patent Office

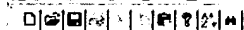
File 349:PCT FULLTEXT 1979-2005/UB=20050602,UT=20050526

(c) 2005 WIPO/Univentio

Set	Items	Description
S1	66399	PACKET???????
S2	14854	PAYLOAD??? OR PAY()LOAD???
S3	7576	SUBBAND?? OR SUB()BAND?? OR WAVELET?? OR WAVE()LET??
S4	99892	(AC OR ALTERNAT??? (3N)CURRENT?? OR HIGH) (3N)FREQ???????
S5	6754	(DIRECT(2N)CURRENT?? OR DC) (3N)FREQ???????
S6	22211	(DECOMPOS??? OR COLLAPS???? OR BRAK??? OR BREAK??? OR SPLI- T??? OR FACTOR????? OR DIVID???? OR DIVISION?? OR SEPERAT???- ?) (3N) (IMAG?? OR VIDEO?? OR PHOTOGRAPH?? OR PHOTO()GRAPHI?? OR PICTURE? ? OR JPG OR TIFF OR JPEG OR PHOTO)
S7	50	AU=(CHAI B? OR CHAI, B? OR SODAGAR I? OR SODAGAR, I?)
S8	0	S1(S)S2(S)S3(S)S4(S)S5(S)S6
S9	0	S1(S)S2(S)S3(S) (S4 OR S5) (S)S6
S10	11	S1(S) (S4 OR S5) (S)S6
S11	10	S10 NOT AD=19981005:20000607/PR
S12	8	S11 NOT AD=20000607:20020607/PR
S13	4	S12 NOT AD=20020607:20050607/PR
S14	2	S2(S) (S4 OR S5) (S)S6
S15	0	S14 NOT S10
S16	10	S1(S)S2(S) (S4 OR S5)
S17	9	S16 NOT S10
S18	5	S17 NOT AD=19981005:20000607/PR
S19	4	S18 NOT AD=20000607:20020607/PR
S20	2	S19 NOT AD=20020607:20050607/PR
S21	3	S1(S)S2(S)S3(S)S6
S22	3	S21 NOT (S10 OR S16)
S23	33	S1(S)S2(S)S6
S24	30	S23 NOT (S10 OR S16)
S25	27	S24 NOT S22
S26	18	S25 NOT AD=19981005:20000607/PR
S27	10	S26 NOT AD=20000607:20020607/PR
S28	6	S27 NOT AD=20020607:20050607/PR
S29	13	S1(S)S2(S)S3
S30	9	S29 NOT (S23 OR S22 OR S10 OR S16)
S31	4	S30 NOT AD=19981005:20000607/PR
S32	3	S31 NOT AD=20000607:20020607/PR
S33	2	S32 NOT AD=20020607:20050607/PR
S34	5	S7 AND S1 AND S2
S35	5	S34 AND S3
?		

File 344:Chinese Patents Abs Aug 1985-2005/May
(c) 2005 European Patent Office
File 347:JAPIO Nov 1976-2005/Jan(Updated 050506)
(c) 2005 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2005/Jun W01
(c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20050602,UT=20050526
(c) 2005 WIPO/Univentio
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200535
(c) 2005 Thomson Derwent

Set	Items	Description
S1	72	AU=(CHAI B? OR CHAI, B?)
S2	15	S1 AND CODING
S3	9	S2 AND PACKET?
S4	8	S3 AND COEFFICI?
S5	7	S4 AND PAYLOAD?



Active

- L3: (14) (packet and payload\$2) with (ac or (high adj f
- L4: (6) (packet and payload\$2) with (subband or wavelet
- L5: (19) (packet and payload\$2) with (subband or wavele
- L6: (12) (packet and payload\$2) with (dc or (low adj fr
- L8: (2) (texture adj unit) with (dc or (low adj frequen
- L9: (5) (texture adj unit) with (subband or wavelet or
- L7: (3) (texture adj unit) with (ac or (high adj frequen
- L11: (6) 382/232-253.ccls. and (texture adj unit)
- L12: (0) 358/430,447,453,455,458.ccls. and (texture adj

DBs

USPAT

Default operator: OR

☒ Burs☒ Highlight all hits initially

BRS form ISAR form Image Text HTML

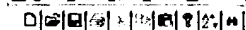
Details View, 377383.wsp:2

	Type	L #	Hits	Search Text	DBs	Time Sta	C	Error	Definit	Er
1	BRS	L3	14	(packet and payload\$2) with (ac or (high adj frequency))	USPA	2005/06/				
					T	08 11:43				
2	BRS	L4	6	(packet and payload\$2) with (subband or wavelet)	USPA	2005/06/				
					T	08 10:54				
3	BRS	L5	19	(packet and payload\$2) with (subband or wavelet or hierarch\$6)	USPA	2005/06/				
					T	08 10:54				
4	BRS	L6	12	(packet and payload\$2) with (dc or (low adj frequency))	USPA	2005/06/				
					T	08 11:44				
5	BRS	L8	2	(texture adj unit) with (dc or (low adj frequency))	USPA	2005/06/				
					T	08 11:55				
6	BRS	L9	5	(texture adj unit) with (subband or wavelet or hierarch\$4)	USPA	2005/06/				
					T	08 11:55				
7	BRS	L7	3	(texture adj unit) with (ac or (high adj frequency))	USPA	2005/06/				
					T	08 11:55				
8	BRS	L11	6	382/232-253.ccls. and (texture adj unit)	USPA	2005/06/				
					T	08 12:10				
9	BRS	L12	0	358/430,447,453,455,458.ccls. and (texture adj unit)	USPA	2005/06/				
					T	08 12:08				
10	BRS	L13	0	348/404,464,398.ccls. and (texture adj unit)	USPA	2005/06/				
					T	08 12:09				
11	BRS	L14	0	370/432,276.ccls. and (texture adj unit)	USPA	2005/06/				
					T	08 12:09				
12	BRS	L15	0	375/240.11,240.19.ccls. and (texture adj unit)	USPA	2005/06/				
					T	08 12:09				

Hits Details HTML

Ready

NUM



Pending

Active

- ☞ L3: (14) (packet and payload\$2) with (ac or (high adj f
- ☞ L4: (6) (packet and payload\$2) with (subband or wavelet
- ☞ L5: (19) (packet and payload\$2) with (subband or wavele
- ☞ L6: (12) (packet and payload\$2) with (dc or (low adj fr
- ☞ L8: (2) (texture adj unit) with (dc or (low adj frequen
- ☞ L9: (5) (texture adj unit) with (subband or wavelet or
- ☞ L7: (3) (texture adj unit) with (ac or (high adj freque

Failed

DBs: USPAT

Default operator: OR

☐ Bulk☐ Highlight all hit items initially

BRS form ISAR form Image Text HTML

Detail View, 377383.wsp:2

	Type	L #	Hits	Search Text	DBs	Time Sta	C	Error	Definit	Er
1	BRS	L3	14	(packet and payload\$2) with (ac or (high adj frequency))	USPA	2005/06/				
					T	08 11:43				
2	BRS	L4	6	(packet and payload\$2) with (subband or wavelet)	USPA	2005/06/				
					T	08 10:54				
3	BRS	L5	19	(packet and payload\$2) with (subband or wavelet or hierarch\$6)	USPA	2005/06/				
					T	08 10:54				
4	BRS	L6	12	(packet and payload\$2) with (dc or (low adj frequency))	USPA	2005/06/				
					T	08 11:44				
5	BRS	L8	2	(texture adj unit) with (dc or (low adj frequency))	USPA	2005/06/				
					T	08 11:55				
6	BRS	L9	5	(texture adj unit) with (subband or wavelet or hierarch\$4)	USPA	2005/06/				
					T	08 11:55				
7	BRS	L7	3	(texture adj unit) with (ac or (high adj frequency))	USPA	2005/06/				
					T	08 11:55				

Hits Details HTML

Ready

NUM

- S34: (0) payload same as same subband52
- S35: (27) payload with subband52
- S36: (5) chai-b53-b53.in.
- S37: (14) sodagar-i53.in.
- S40: (0) (rogers-5.in. and packet) and decompression
- S42: (162927) "ac"
- S46: (162927) "ac"
- S47: (37) (texture adj unit) and "ac"
- S52: (1537) payload and coefficient5
- S53: (334) (payload and coefficient5) and (high53 adj fr

QB: USPAT

Default operator: OR

chai-b53-b53.in.

☐ BRS form ☐ IS&R form ☐ Image ☐ Text ☐ HTML

U	1	Document ID	Issue Da	Page	Title	Current OR	Current XR	Retrieval	Inventor	S	C	P	Image	Doc.	Dis	PT
1	<input type="checkbox"/>	US 6553147	20030422	17	Apparatus and method for data partitioning	382/240	348/398.1		Chai; Bing-Bing et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6553147	<input type="checkbox"/>
2	<input type="checkbox"/>	US 6526175	20030225	12	Apparatus and method for packetizing signif	382/240	370/389		Sodagar; Ira; et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6526175	<input type="checkbox"/>
3	<input type="checkbox"/>	US 6487319	20021126	16	Apparatus and method for identifying the lo	382/240	382/248; 382/250		Chai; Bing-Bing et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6487319	<input type="checkbox"/>
4	<input type="checkbox"/>	US 6269192	20010731	23	Apparatus and method for multiscale zerotre	382/240	341/79		Sodagar; Ira; et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6269192	<input type="checkbox"/>
5	<input type="checkbox"/>	US 6137915	20001024	13	Apparatus and method for error concealment	382/240	375/240		Chai; Bing-Bing et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6137915	<input type="checkbox"/>

Detail: View 377 393 wcp 2
